No.	Delta	Radius	Arc Length	Chord Length	Chord Bearing
C1	154°18'07"	60.00	161.58	117.00	N24°03'47"W
C2	53°58'05"	25.00	23.55	22.69	S80°04'19"W

LIMIT OF POORLY DRAINED SOILS FROM APPROVED SUBDIVISION PLANS

SOIL CLASS 538

LOT 17
4.57 ACRES±

WHITTIER DRIVE

SOIL CLASS 40B

50' BUILDING SETBACK

100' SETBACK FROM POORLY DRAINED SOILS

20K AS ORIGINALLY APPROVED

5K AS ORIGINALLY APPROVED

PROPOSED ADDITION 24'X24' 1 BEDROOM APARTMENT W/ BASEMENT

FIRST FLOOR ELEV 62.0±

EXIS DECK

ADDITIONAL 20K/5K AREA (DISPLACED BY PROPOSED ADDITION)

EXISTING 1 BEDROOM HOUSE W/ BASEMENT

EXISTING GARAGE

PROP. LEACH FIELD

APPROX LEACH FIELD

EXISTING LEACH FIELD

PROP TANK 1000G

PROP TANK 1500G

1250 GAL SEPTIC TANK

(RELOCATE UNDERGROUND UTILITIES)

ALL COMPONENTS OF EXISTING SYSTEM AND UNDERLYING ORGANIC REMNANTS TO BE REMOVED AND DISPOSED OF OFF-SITE BY INSTALLER.

EXISTING PAVED DRIVEWAY

PROTECTIVE RADIUS FOR WELL

WOODS ROAD

INTERSTATE 95

69.07' N72°56'39"W

L=215.41'

373.37' S49°13'54"W

201.63' S49°13'54"W

N20°05'46"W 308.05'

JOB 370 STEVENS
BM2JOB9 (SEE 125)
FB 37
1"=20'

BM POINTS ARE OLD
DCA POINTS ARE NEW

```
Command= 124-
Job->Unopened
Bearing      Distance                    Pnt.  Northing     Easting      Type
------------------------11-03-2023-----10:23:04----------------------------D:\
Job->Unopened
Bearing      Distance                    Pnt.  Northing     Easting      Type
------------------------11-03-2023-----10:23:04--------------D:\BENCH FILES\BM2
Job disk D: is 48% full. 519674253312 Bytes free on disk.
125BENOIT   [2624]   Coordinates
Reading...
Job->#9 125BENOIT  [2624]
Bearing      Distance  Elev    Descrip  Pnt.  Northing     Easting      Type
------------------------11-03-2023-----10:23:06--------------D:\BENCH FILES\BM2
Command= 210-
Point#, Start#-End# or G#= 2000-3000
Bearing      Distance  Elev    Descrip  Pnt.  Northing     Easting      Type
------------------------11-03-2023-----10:24:09--------------D:\BENCH FILES\BM2
                       64.01   SETHUB   2000  4162.8658    6763.4505    INT
                       62.97   SETPK    2001  4102.8515    7322.0716    TRA
                               SETHUB   2002  3978.9573    7458.7982    TRA
                               NHHB     2003  3929.8882    7552.9486    TRA
                       64.13   SETPK    2004  4272.9742    6825.1157    SS
                       61.11   BSSWALE  2005  4244.8467    6807.8042    SS
                       63.58   BMNL6"HW 2006  4236.4460    6769.6390    SS
                       62.92   BSSWALE  2007  4270.5719    6731.0985    SS
                       61.71   BSSWALE  2008  4279.1161    6687.7780    SS
                       61.07   TOPHDWL  2009  4274.1020    6632.6421    SS
                       57.55   POLE     2010  4225.2736    6617.5145    SS
                       57.58   EP       2011  4213.4074    6604.7964    SS
                       55.66   BSSWALE  2012  4204.0175    6616.0678    SS
                       55.07   BS       2013  4185.9146    6611.4076    SS
                       52.91   BSWLL    2014  4142.5652    6668.1998    SS
                       45.94   CHVEG    2015  4098.9423    6673.0965    SS
                       45.79   CHVEG    2016  4088.9067    6726.0676    SS
                       50.81   BMNL15OK 2017  4100.9041    6748.6710    SS
                       49.09   BS       2018  4100.0725    6773.6108    SS
                       45.43   CHVEG    2019  4055.9205    6783.0695    SS
                       51.28   BS       2020  4109.7573    6816.3087    SS
                       46.69   EDWDCHVG 2021  4046.0985    6829.4118    SS
                       49.27   GND      2022  4083.4153    6869.6250    SS
                       53.55   BS       2023  4136.1052    6837.6205    SS
                       48.58   TSAWAY   2024  4125.9904    6905.6469    SS
                       54.71   WLL      2025  4174.8257    6883.7877    SS
                       55.36   BMNL4OK  2026  4147.3138    6845.6217    SS
                       59.32   ENDBS    2027  4173.0525    6809.0567    SS
                       57.87   BSSWL    2028  4230.7160    6856.4132    SS
                       53.24   BSSWL    2029  4212.9340    6904.5931    SS
                       61.24   GND      2030  4198.4934    6784.6741    SS
                       62.59   TS       2031  4147.8004    6781.7848    SS
                       62.92   TS       2032  4150.5198    6755.1624    SS
                       56.45   OS       2033  4133.9859    6728.9404    SS
                       58.89   BMNLMAP  2034  4158.2738    6685.2152    SS
                       63.20   TSTREE   2035  4168.1404    6720.4528    SS
                       60.73   TS       2036  4195.2124    6652.2079    SS
                       62.17   TS       2037  4235.0465    6660.9562    SS
                       63.63   TS       2038  4256.4464    6689.8114    SS
```

JOB #9 125BENOIT [2624]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023				10:24:09		D:\BENCH FILES\BM2	
		63.74	GND	2039	4202.9500	6717.7218	SS
		63.12	GND	2040	4202.2423	6751.0597	SS
		63.42	GND	2041	4260.3093	6725.5906	SS
		67.07	TS	2042	4349.8653	6810.7601	SS
		64.31	BMNLSTMP	2043	4341.3523	6842.6768	SS
		59.75	BS	2044	4391.5219	6822.8664	SS
		57.87	BS	2045	4343.0795	6869.4354	SS
		55.94	BS	2046	4412.1241	6889.7078	SS
		58.24	GND	2047	4426.6028	6852.1933	SS
		56.69	BS	2048	4422.0485	6874.6221	SS
		62.10	GND	2049	4472.1764	6884.5499	SS
		61.23	EDGWDS	2050	4501.2626	6940.8179	SS
		61.84	INWDS	2051	4549.9469	6990.0143	SS
		61.52	GND	2052	4582.5615	7071.4512	SS
		61.64	OAK	2053	4533.7702	7148.3433	SS
		60.93	GND	2054	4460.4955	7127.9665	SS
		62.82	TS	2055	4477.0463	7051.4245	SS
		62.99	OAK	2056	4482.5787	6999.5794	SS
		62.99	24OAK	2057	4456.9914	6950.8271	SS
		55.83	TREE	2058	4418.4033	6926.9039	SS
		53.67	BS	2059	4377.9467	6937.7134	SS
		54.61	TREE	2060	4346.3883	6931.4391	SS
		52.26	BS	2061	4368.9441	6976.6433	SS
		53.14	TS	2062	4332.4608	6958.8444	SS
		52.58	BS	2063	4307.3205	6944.8511	SS
		55.08	BMNLPOLE	2064	4276.0566	6933.9378	SS
		50.28	BS	2065	4335.4440	6994.8776	SS
		49.78	BSRD	2066	4273.8860	6994.3703	SS
		42.46	BSRD	2067	4256.1628	7067.3035	SS
		52.89	TS	2068	4338.1662	7048.1226	SS
		52.79	BS	2069	4367.6211	7035.9208	SS
		57.68	GND	2070	4413.2892	7014.2604	SS
		57.01	GND	2071	4410.2465	6973.9183	SS
		60.48	GND	2072	4444.5492	7048.7393	SS
		58.47	TS	2073	4412.3306	7136.5864	SS
		57.59	TS	2074	4386.2749	7108.2704	SS
		56.91	BMNL4HW	2075	4394.3047	7075.9140	SS
		51.24	GND	2076	4348.2795	7152.3000	SS
		51.44	BMNL12HW	2077	4318.0990	7072.3055	SS
		60.75	GND	2078	4439.8120	6955.4628	SS
		62.50	GND	2079	4471.5921	6966.9276	SS
		53.27	SETPK	2080	4102.8515	7322.0716	SS
		62.97	SETHUB	2081	3978.9573	7458.7982	SS
		44.51	TOP36CU	2082	4220.6434	7106.1062	SS
		44.66	TOP36CU	2083	4192.6048	7062.5221	SS
		49.73	EPPC	2084	4166.5120	7173.9418	SS
		50.88	EPPC	2085	4183.4657	7225.5604	SS
		50.63	EP	2086	4203.4620	7295.5790	SS
		52.68	POLE4EP	2087	4128.3010	7344.3908	SS
		53.17	EP6BS	2088	4090.7535	7264.0393	SS
		54.45	GND	2089	4120.0579	7381.4384	SS
		55.69	GND	2090	4085.6380	7372.5261	SS
		58.84	BMNL12HW	2091	4040.8489	7341.2129	SS
		58.79	BSTS	2092	4038.2708	7300.7163	SS
		66.25	TS	2093	4042.1500	7264.8654	SS
		63.89	SETHUB	2094	4038.9392	7204.9330	SS
		66.01	TS	2095	4058.8811	7233.3944	SS
		67.25	TOPNHHB	2096	3929.8882	7552.9486	SS

JOB #9 125BENOIT [2624]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023		10:24:09				D:\BENCH FILES\BM2	
		64.97	GND	2097	3945.4587	7523.2192	SS
		69.75	CLWDSRD	2098	3868.6979	7463.9566	SS
		61.00	CLWDSRD	2099	3962.8342	7571.1977	SS
		63.65	TS	2100	3965.6921	7547.9063	SS
		59.91	TS	2101	4007.9750	7541.7916	SS
		58.69	TS	2102	4041.5621	7491.4759	SS
		57.87	TS	2103	4059.0350	7459.4086	SS
		57.41	TS	2104	4064.2984	7412.4389	SS
		54.39	BMNL15HW	2105	4103.5560	7432.4700	SS
		45.57	BS	2106	4169.0513	7452.1574	SS
		42.23	BS	2107	4174.7485	7492.7318	SS
		39.49	BS	2108	4151.1239	7584.0213	SS
		51.86	OS	2109	4053.6284	7552.2880	SS
		59.48	OLDPIT	2110	4028.6912	7482.3065	SS
		63.63	BMNLDBOK	2111	3977.4898	7446.1430	SS
		63.76	GND	2112	3932.9752	7409.1917	SS
		59.65	GND	2113	3969.4937	7359.7995	SS
		58.99	GND	2114	4012.0009	7397.2131	SS
		58.51	GND	2115	4034.9787	7423.6588	SS
		63.92	SETHUBL2	2116	4038.9563	7204.9526	SS
		62.87	BMNLDBHW	2117	4071.4886	7196.8004	SS
		58.46	BMNL12HW	2118	3994.3428	7086.8647	SS
		53.59	BMNL15HW	2119	3937.5473	7154.4377	SS
		55.41	BMNL14HW	2120	3943.2080	7234.3876	SS
			945940	2121	3582.0687	6205.1900	SS
			1034055	2122	3292.8326	6245.4165	SS
			setstk	2123	3582.0687	6205.1900	SS
			setstk	2124	3547.0692	6240.7210	SS
			setstk	2125	3510.3300	6274.5505	SS
			setstk	2126	3466.7800	6298.8521	SS
			setstk	2127	3418.5698	6311.6174	SS
			setstk	2128	3395.0852	6313.3822	SS
			setip	2129	3390.7612	6288.4330	SS
			setip	2130	3495.1936	6313.2574	SS
			SETIP	2132	3207.0611	6714.4089	SS
			FNDHUB23	2133	3467.4306	6621.1416	SS
			STHBL29	2134	3490.9205	6945.9881	TRA
			FDHUBD	2135	3414.7124	6933.0411	TRA
			FDHUBE	2136	3283.0334	6772.0556	SS
			FDHUB	2137	3467.4695	6621.1576	SS
			FDIP	2138	3517.8014	6442.7097	TRA
				2139	3917.0700	6820.4767	TRA
				2140	3467.4344	6621.1590	SS
		53.76	SETHUB	2141	3467.4491	6621.1492	TRA
			SETHBL29	2142	3490.9550	6945.9832	TRA
		63.59	SETHBL29	2143	3490.9353	6945.9860	TRA
		41.17	SETHUB	2144	3917.0672	6820.4858	SS
		40.92	TOPIP	2145	3517.8094	6442.7072	SS
		47.63	TOPST1.8	2146	3552.2611	6639.7058	SS
		45.62	CLDR	2147	3568.9230	6672.3649	SS
		49.92	GND@IPIN	2148	3565.7794	6717.6523	SS
		49.74	GND	2149	3572.4460	6755.4921	SS
		44.79	GND	2150	3626.2653	6753.0097	SS
		43.48	GND	2151	3614.8381	6679.7757	SS
		40.96	GND	2152	3715.5374	6747.6844	SS
		61.80	TS	2153	3427.1052	6732.8836	SS
		58.37	OS	2154	3443.9183	6760.7518	SS
		54.84	OS	2155	3463.8617	6800.5436	SS

JOB #9 125BENOIT [2624]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023				10:24:09		D:\BENCH FILES\BM2	
		52.36	BS	2156	3487.2143	6836.2308	SS
		50.99	NAIL8BCH	2157	3562.4486	6719.0409	SS
		56.50	TS	2158	3489.6991	6764.9377	SS
		58.57	GND	2159	3492.1403	6722.9080	SS
		67.69	CLRD	2160	3430.8690	6951.0575	SS
		67.93	TS	2161	3450.7164	6925.6452	SS
		59.29	CLRD	2162	3481.2478	7008.8742	SS
		61.47	TS	2163	3492.7164	6995.1837	SS
		59.43	TS	2164	3532.7079	6992.6906	SS
		57.44	GND	2165	3544.7845	7023.0941	SS
		52.54	TS?	2166	3581.9793	7032.2627	SS
		52.65	GND	2167	3587.3103	7007.5124	SS
		47.32	CLRD	2168	3626.4624	6966.1573	SS
		46.82	YELLFLG	2169	3627.9190	6953.1323	SS
		43.94	YELLFLG	2170	3652.4722	6904.3358	SS
		42.97	YELLFLG	2171	3657.6396	6862.1231	SS
		49.39	BMNLDBMP	2172	3585.0469	6896.3904	SS
		51.04	PIT	2173	3548.9814	6893.5250	SS
		49.00	PIT	2174	3542.9118	6843.7386	SS
		53.96	OS	2175	3543.0353	6920.7503	SS
		51.12	BS?	2176	3577.0208	6948.4223	SS
		55.07	OS	2177	3551.1282	6946.9129	SS
		60.87	PIT	2178	3519.8357	6962.2449	SS
		63.68	GND	2179	3485.6702	6971.7332	SS
		65.18	GND	2180	3467.2226	6933.8014	SS
		61.00	GND	2181	3479.0964	6906.3461	SS
		63.41	TS	2182	3492.3521	6931.9674	SS
		60.33	PIT	2183	3507.4762	6907.6633	SS
		55.32	BS	2184	3476.4442	6865.2664	SS
		46.90	CLRD	2185	3577.7626	6858.0623	SS
		46.22	GND	2186	3597.8354	6804.2619	SS
		69.36	TOPIP	2187	3370.1008	6903.4959	SS
		55.63	TOPST1.3	2188	3569.8795	6967.8950	SS
		63.84	SETPKOAK	2189	3450.1963	6906.3362	SS
		54.48	TOPIP.4	2190	3464.7574	6821.8495	SS
		61.46	GND	2191	3416.5295	6874.9278	SS
		66.98	CLRD	2192	3380.5821	6895.8457	SS
		54.11	TOPIP	2193	3207.0213	6714.3787	TRA
				2194	3552.5679	7142.2618	INT
		52.91		2195	3575.6702	7122.3425	INT
			setip	2196	4062.8044	6482.1368	SS
			setip	2197	4200.6175	7020.8924	SS
			topip**	2198	4320.8567	6634.1986	SS
			sethub	2199	4582.3961	7005.2764	TRA
			sys	2200	4385.7563	7104.6703	INT
			sys	2201	4390.3620	7146.4170	TRA
			sys	2202	4410.6056	7101.9289	INT
			sys	2203	4415.2112	7143.6756	TRA
			sys	2204	4437.8966	7159.7516	INT
			hse	2205	4463.0091	7200.6584	INT
			hse	2206	4410.6254	7176.4933	TRA
			hse	2207	4428.5882	7165.4660	INT
			hse	2208	4435.7379	7217.4000	TRA
			pol	2209	4711.8975	7106.6848	TRA
			pol	2210	4711.2602	7105.9142	TRA
			pol	2211	4710.6228	7105.1437	TRA
			pol	2212	4709.9855	7104.3731	TRA
			setip	2213	3154.0669	6046.5800	TRA

JOB #9 125BENOIT [2624]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023				10:24:09		D:\BENCH FILES\BM2	
				2214	3121.2330	6277.7292	TRA
				2215	3241.0994	6240.8481	TRA
				2216	3273.6805	6240.3245	INT
				2217	3238.7117	6204.5868	TRA
				2218	3203.7429	6168.8491	TRA
				2219	3320.7869	6216.9744	TRA
				2220	3285.8181	6181.2367	TRA
				2221	3250.8493	6145.4990	TRA
				2222	3443.7652	6157.7500	SS
				2223	3478.7333	6061.4813	TRA
				2224	3459.5614	6045.4366	TRA
				2225	3440.3894	6029.3918	TRA
				2226	3421.2174	6013.3470	TRA
				2227	3402.0454	5997.3022	TRA
				2228	3396.2905	6388.3724	TRA
				2229	3830.0151	6506.9128	INT
				2230	3283.0201	6772.0861	SS
			setip	2231	3517.7837	6442.6426	SS
			setstk	2232	3534.9645	6541.1585	SS
			setstk	2233	3552.1457	6639.6698	SS
		46.48	hubb1a	2234	3603.4762	6721.9418	SS
				2235	3594.9843	6709.5673	INT
				2236	3568.3423	6732.5393	INT
				2237	3514.9246	6309.8306	TRA
				2238	3585.9903	6717.3223	INT
				2239	3289.6920	6390.0863	INT
		69.76	SETHUBA	2240	3741.4409	7312.9288	SS
		61.25	SETHUBB	2241	3633.4393	7194.4325	TRA
		52.91	SETHUBC	2242	3554.3281	7095.7097	TRA
		67.93	SETHUBD	2243	3414.7445	6933.0504	TRA
		58.29	SETHUBE	2244	3283.0227	6772.0741	TRA
		49.29	SETHUBB1	2245	3502.4424	6574.7145	TRA
		48.11	FNDHUBB	2246	3416.6636	6357.7778	SS
		52.26		2247	3420.3406	6367.0772	SS
		63.92		2248	4038.9587	7204.9685	SS
		62.98		2249	3978.9122	7458.8498	SS
		56.38	FNDNHHB	2250	3244.8509	6758.1561	SS
			STK	2251	3171.8996	6334.9083	SS
		58.16	INST	2252	4359.2485	6898.4181	INT
		64.13	FNDPK	2253	4272.9742	6825.1157	SS
		64.34	NLSTMP	2254	4341.4064	6842.6844	SS
		51.89	NLHW	2255	4318.1074	7072.3075	SS
		59.79	CORSTN	2256	4390.3755	7145.9688	SS
		60.04	CORSTN	2257	4415.1957	7143.2676	SS
		60.43	TPINDBX	2258	4397.5360	7105.1932	SS
		61.43	CLTPTNK	2259	4400.1166	7077.5349	SS
		63.93	SILLCOR	2260	4398.2930	7058.5673	SS
		61.61	CORHSE	2261	4418.4519	7024.3343	SS
		61.88	CORGAR	2262	4446.4852	6999.4330	SS
		64.48	TOPWELL	2263	4499.0793	7018.0147	SS
		55.08	TOP12CMP	2264	4377.5365	6932.4676	SS
		56.08	TOP12CMP	2265	4394.9395	6907.8647	SS
		52.96	TOP4OUT	2266	4366.7903	6984.0466	SS
		58.73	BS	2267	4019.2926	7309.4221	SS
		57.06	BS	2268	3957.1242	7264.0874	SS
		55.36	BMNLMAP	2269	3943.0314	7234.3234	SS
		52.47		2270	3933.8645	7200.0083	SS
		51.02	BS	2271	3900.0523	7205.8620	SS

JOB #9 125BENOIT [2624]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023				10:24:09		D:\BENCH FILES\BM2	
		53.34	GND	2272	3850.7029	7228.1285	SS
		57.66	GND	2273	3868.5670	7279.0862	SS
		59.53	GND	2274	3956.7943	7330.7157	SS
		66.00	TSTORD	2275	4045.8722	7267.3995	SS
		65.82	10"OAK	2276	4030.9965	7261.0134	SS
		59.32	PIT	2277	3986.9685	7242.8460	SS
		60.17	MAPLE	2278	3983.9975	7215.5075	SS
		53.53	BMNL	2279	3937.5492	7154.4338	SS
		60.64	TS	2280	3982.9934	7167.9948	SS
		59.81	TS	2281	3987.4740	7123.3259	SS
		54.97	OS	2282	3957.0286	7082.0869	SS
		48.49	BS	2283	3883.4033	7149.7951	SS
		58.19	TS	2284	3982.7880	7061.8248	SS
		56.14	BS	2285	4009.6278	7066.3387	SS
		56.41	BS	2286	4040.0162	7078.7476	SS
		62.71	TSRIDGE	2287	4089.7066	7089.6241	SS
		59.44	TS**	2288	4124.1613	7142.4395	SS
		56.68	OS	2289	4091.6156	7045.9527	SS
		49.65	OS	2290	4033.0250	7013.3243	SS
		58.41	BMNLOAK	2291	3994.3274	7086.8706	SS
		60.28	GND	2292	4012.6446	7132.5086	SS
		61.22	PIT	2293	4035.7106	7155.6186	SS
		62.65	GND	2294	4009.2605	7187.2838	SS
		60.42	EDGPIL	2295	4066.7860	7133.1555	SS
		61.20	EDGPILCL	2296	4089.8826	7162.8930	SS
		62.84	BMNLBRCH	2297	4071.4895	7196.8040	SS
		65.32	TS***	2298	4063.4863	7233.4146	SS
		64.93	GND	2299	4029.2061	7226.8052	SS
		62.50	GND	2300	4035.2659	7188.7958	SS
		52.45	EP	2301	4109.4015	7235.9823	SS
			hse	2302	4054.4500	7119.5600	
			hse	2303	4081.7600	7141.4500	
			hse	2304	4026.3100	7154.6700	
			hse	2305	4053.6200	7176.5600	
			sys	2306	3964.5800	7236.0500	
			sys	2307	3983.0700	7271.5200	
			sys	2308	3978.7600	7228.6500	
			sys	2309	3997.2600	7264.1200	
				2310	4040.6431	7311.4463	TRA
				2311	3382.0857	6893.1383	INT
			int	2312	3568.3423	6732.5393	INT
			setip	2313	3233.0942	5855.9092	SS
			setip	2314	3154.0602	6046.5815	TRA
			sethub	2315	3488.9067	6616.0960	SS
				2316	3993.6872	7328.6261	TRA
				2317	3970.2093	7337.2160	TRA
				2318	3946.7314	7345.8059	TRA
				2319	3923.2534	7354.3958	TRA
				2320	3899.7755	7362.9857	TRA
				2321	3423.6949	6524.9363	TRA
				2322	3404.8769	6541.3948	TRA
				2323	3386.0588	6557.8533	TRA
				2324	3367.2408	6574.3118	TRA
				2325	3348.4228	6590.7703	TRA
				2326	3455.6067	6497.0259	INT
				2327	3592.4485	6711.7538	INT
				2328	3445.8224	6838.1816	TRA
				2329	3464.7560	6821.8562	TRA

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023				10:24:09		D:\BENCH FILES\BM2	
				2330	3483.6896	6805.5308	TRA
				2331	3502.6231	6789.2054	TRA
				2332	3049.2142	6453.9024	TRA
				2333	3041.6870	6460.4858	TRA
				2334	3034.1598	6467.0691	TRA
			SETIP	2335	4087.5635	7294.2445	SS
			SETIP	2336	3970.1987	7337.2416	SS
			SETIP	2337	3798.3049	7400.1150	SS
			SETIP	2338	4210.7603	7158.1737	SS
			SETHUB	2339	4008.3502	6982.3955	SS
			SETSTK	2340	3478.7350	6061.4790	SS
			SETIP	2341	3440.4820	6029.4790	SS
			SETSTK	2342	3402.0444	5997.2984	SS
			SETSTK	2343	3257.5588	6025.0518	SS
			SETIP	2344	3320.7904	6216.9915	SS
			SETIP	2345	3285.7551	6181.2355	SS
			SETSTK	2346	3203.7433	6168.8508	SS
			SETSTK	2347	3273.6780	6240.3237	SS
				2348	3285.7886	6181.2027	INT
				2349	3440.4891	6029.4752	SS
				2350	4008.3590	6982.5982	SS
			setip	2351	3931.0590	6815.9133	TRA
			SETIP	2352	3565.9934	7130.6881	TRA
			setip	2353	3741.1876	6583.5007	SS
			10"maple	2354	3568.6408	6732.6364	SS
			setip	2355	3585.8908	6717.2910	SS
		54.48	setip	2356	3404.8330	6541.3795	SS
		50.81	sethub	2357	3445.3005	6517.9697	SS
		52.75	22"pine	2358	3452.0302	6529.4059	SS
		51.21	gnd	2359	3479.2756	6545.3867	SS
		50.32	bs	2360	3482.0621	6559.1172	SS
		49.23	OLDHUB**	2361	3502.5183	6574.6765	SS
		46.64	CLWLL	2362	3520.8422	6584.6434	SS
		47.65	GND	2363	3516.6753	6621.7650	SS
		50.02	GND	2364	3506.6990	6650.5327	SS
		58.32	TS	2365	3479.8494	6689.9812	SS
		58.03	TS	2366	3449.7213	6675.6694	SS
		60.29	BMNL8BCH	2367	3432.1887	6702.0817	SS
		60.70	GND	2368	3461.8614	6716.8863	SS
		60.23	BMNL10OK	2369	3473.9477	6740.5525	SS
		61.49	GND	2370	3414.8827	6742.4053	SS
		57.71	WALL***	2371	3347.1161	6728.4877	SS
		58.05	BK10PIT	2372	3377.8678	6690.0601	SS
		56.21	GND	2373	3414.8954	6652.1384	SS
		54.91	BK10PIT	2374	3437.7872	6618.3896	SS
		56.44	BMNL8BCH	2375	3422.0673	6608.9609	SS
		59.92	TS	2376	3354.2554	6590.1564	SS
		57.17	GND	2377	3385.0768	6629.3550	SS
		57.35	TS	2378	3453.6517	6663.8032	SS
		52.08	GND	2379	3484.1611	6638.3187	SS
		50.56	WLL	2380	3495.1717	6605.8376	SS
		52.02	GND	2381	3479.7812	6600.3853	SS
		55.43	TS	2382	3435.8921	6565.5392	SS
		55.23	EDGWDS	2383	3413.2908	6566.9647	SS
		56.18	6OKEDWD	2384	3427.8556	6589.6740	SS
		54.43	GND	2385	3453.2951	6573.1527	SS
		52.76	BS	2386	3467.6517	6584.6598	SS
		53.33	TS	2387	3472.4085	6557.5423	SS

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023		10:24:09				D:\BENCH FILES\BM2	
		46.94	EDGOG	2388	3500.9381	6533.8631	SS
		45.37	EDGOG	2389	3497.3133	6518.0577	SS
		41.62	CLRD	2390	3540.1310	6502.1615	SS
			NL	2391	3568.5418	7129.8382	SS
			NL	2392	3563.4454	7131.5379	SS
			SETIP	2393	3565.5229	7130.8450	TRA
		45.65	gnd	2394	3257.9059	6192.9603	SS
		42.62	bs	2395	3229.7547	6156.2771	SS
		44.32	gnd	2396	3201.4053	6122.6879	SS
		48.31	bmnlok*	2397	3179.4383	6087.6990	SS
		42.58	gnd	2398	3215.4455	6079.9708	SS
		36.79	pipond	2399	3249.2573	6082.4724	SS
		35.87	pipond	2400	3308.0815	5959.7732	SS
		33.99	edgpnd*	2401	3349.7971	5993.4761	SS
		34.99	pipond	2402	3390.3508	6033.2771	SS
		34.12	edgpnd*	2403	3350.7573	6082.3595	SS
		35.13	pipond	2404	3310.5656	6126.4104	SS
		35.59	4'topnd	2405	3288.8939	6118.7977	SS
		40.23	gnd	2406	3267.0893	6166.6990	SS
		42.17	topip.5	2407	3285.7448	6181.1562	SS
		42.04	gnd	2408	3323.4076	6178.9298	SS
		45.99	topip.5	2409	3320.7946	6216.9817	SS
		45.51	gnd	2410	3320.4886	6262.5817	SS
		42.54	gnd	2411	3356.5573	6277.5542	SS
		43.29	topip	2412	3390.7205	6288.6247	SS
		43.03	clrd	2413	3418.7637	6310.0521	SS
		43.09	pole	2414	3282.2136	6293.8255	SS
		44.32	stkcencu	2415	3183.1801	6374.4212	SS
		43.53	@stk	2416	3216.0317	6302.0097	SS
		43.22	bmnlok*	2417	3195.0022	6271.3527	SS
		46.10	edgog	2418	3214.2171	6279.9849	SS
		47.71	edgog	2419	3244.4650	6281.2244	SS
		49.28	anchor*	2420	3281.0215	6281.3133	SS
		51.04	bmnlok*	2421	3266.8003	6263.0102	SS
		49.87	pit	2422	3266.3491	6250.3002	SS
		47.62	gnd	2423	3234.4025	6256.7019	SS
		47.72	pit	2424	3227.4857	6232.3520	SS
		45.69	gnd	2425	3198.2788	6180.7005	SS
		45.86	gnd	2426	3169.0512	6145.1595	SS
		43.85	ts	2427	3131.9907	6082.2562	SS
		45.31	bmnl28"	2428	3137.8113	6175.6424	SS
		44.21	gnd	2429	3176.1877	6199.9575	SS
		41.85	gnd	2430	3124.9670	6228.0644	SS
		43.55	pit	2431	3152.8023	6232.8843	SS
		45.17	pit	2432	3182.6330	6234.1899	SS
		43.44	gnd	2433	3156.6536	6277.3807	SS
		41.30	gnd	2434	3111.2134	6280.2530	SS
		-43.20	setip	2435	3034.1299	6467.0516	SS
		47.77	bmnlpin*	2436	3421.2962	6371.2002	SS
		47.70	ts	2437	3420.6205	6360.4838	SS
		45.56	edgog	2438	3449.9956	6355.0956	SS
		42.61	anchor	2439	3467.5947	6335.3615	SS
		44.07	bmnlpole	2440	3476.5195	6323.3353	SS
		41.66	cldr	2441	3510.5358	6344.0386	SS
		40.44	og	2442	3526.7690	6353.0508	SS
		41.44	bs	2443	3484.4987	6481.3973	SS
		41.09	topip	2444	3517.8030	6442.7125	SS
		40.46	og	2445	3541.5179	6427.7340	SS

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023		10:24:09				D:\BENCH FILES\BM2	
		41.78	bs	2446	3491.0450	6447.1843	SS
		42.50	gnd	2447	3467.4239	6439.3948	SS
		43.65	gnd	2448	3464.8371	6415.2714	SS
		42.08	edgog	2449	3498.3296	6398.5765	SS
		42.34	edgog	2450	3500.5056	6426.0071	SS
		40.98	bs	2451	3452.4864	6465.5398	SS
		44.11	pit	2452	3441.8529	6416.1280	SS
		45.93	gnf	2453	3430.5831	6390.5267	SS
		46.97	ts	2454	3432.6583	6356.4838	SS
		47.42	ts	2455	3410.3088	6380.0493	SS
		47.95	ts	2456	3392.7223	6384.4920	SS
		47.17	ts	2457	3350.7674	6388.0283	SS
		43.06	gnd	2458	3370.0724	6421.6195	SS
		43.43	bs	2459	3388.6374	6419.2911	SS
		45.49	ts	2460	3385.0953	6407.2839	SS
		43.90	gnd	2461	3411.6421	6417.2129	SS
		41.96	bs	2462	3422.2598	6443.6074	SS
		43.23	bmnlok*	2463	3421.9607	6465.8029	SS
		42.30	pit*	2464	3377.0143	6468.6747	SS
		42.06	clwdsrd	2465	3305.1405	6449.5460	SS
		43.83	bmnl**	2466	3347.1539	6473.3336	SS
		50.34	gnd	2467	3337.5225	6507.4521	SS
		48.97	gnd	2468	3375.3892	6511.7217	SS
		45.73	gnd	2469	3394.3180	6494.6325	SS
		44.17	gnd	2470	3457.4928	6406.8667	SS
		54.50	topip	2471	3404.8147	6541.3861	SS
			pol	2472	4709.3481	7103.6025	TRA
			pol	2473	4708.7108	7102.8319	TRA
			pol	2474	4708.0734	7102.0614	TRA
			pol	2475	4707.4360	7101.2908	TRA
			fndhub	2476	4150.9307	6620.5739	OCC
			fndhub	2477	4537.4214	6532.5269	TRA
			setpk	2478	4860.9128	6017.2040	TRA
			setpk	2479	4634.1571	5748.4377	TRA
			setpk	2480	4673.4284	5049.7544	TRA
			setpk	2481	4220.3027	5182.9499	TRA
			setpk	2482	4224.6932	5706.2643	TRA
			setpk	2483	3971.8695	5906.7943	TRA
			setpk	2484	4015.4382	6297.1582	TRA
			nlokch	2485	4160.0395	5215.6798	SS
			fndpkch	2486	3958.0772	6000.0466	SS
			fndhbch	2487	3416.6563	6357.7461	SS
			sethub	2488	3389.6547	6374.6855	SS
			ipinch	2489	4614.7514	5458.1756	SS
			nlpolch	2490	4609.8522	5543.3801	SS
			fdipinch	2491	4473.5210	4967.2264	TRA
		43.29	inst	2492	3432.9714	5903.4921	INT
		43.72	topstn	2493	3533.2063	5956.9305	SS
		43.85	topstn	2494	3511.8532	5976.1573	SS
		44.59	appxnlmp	2495	3567.9825	5981.2259	SS
		43.75	topstn	2496	3511.1718	5931.7225	SS
		43.56	topstn	2497	3489.1381	5950.1841	SS
		44.08	topindbx	2498	3500.8911	5940.9830	SS
		44.35	topouttk	2499	3496.9051	5937.4877	SS
		44.67	topintnk	2500	3490.6256	5929.1358	SS
		45.03	outhse	2501	3496.5292	5906.0691	SS
		47.10	corhsetr	2502	3523.1095	5921.8075	SS
		42.59	corhse	2503	3477.6255	5894.2523	SS

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023		10:24:09			D:\BENCH FILES\BM2		
		42.10	cordeck	2504	3465.1907	5891.4963	SS
		41.58	cordeck	2505	3475.9971	5873.4781	SS
		43.04	corhsetr	2506	3493.9333	5854.8818	SS
		41.35	topwell	2507	3478.9718	5821.1500	SS
		43.37	fndnl	2508	3459.9451	5896.0558	SS
		36.94	pipond	2509	3403.3348	6034.8708	SS
		36.63	pipond	2510	3373.4042	6074.1765	SS
		39.03	pipond	2511	3404.1837	6116.3442	SS
		40.85	pipond	2512	3303.3897	6170.3104	SS
		38.13	pipond	2513	3239.5819	6084.4214	SS
		38.34	pipond	2514	3304.2033	5943.8020	SS
		36.34	watredpd	2515	3360.3377	5993.9886	SS
		38.77	stk	2516	3401.9806	5997.6533	SS
		42.27	stk	2517	3478.9191	6061.4552	SS
			fndpk	2530	4272.9742	6825.1157	OCC
			2199hub	2531	4582.3743	7005.2873	TRA
			asethub	2532	4496.6178	7326.1183	TRA
			hub@pole	2533	4128.5107	7342.6916	TRA
			setrrspk	2534	4708.0491	7102.0825	SS
			fndhub	2535	3741.4752	7312.9054	TRA
				2536	4454.0756	7455.9496	TRA
				2537	4453.7592	7455.5624	TRA
				2538	4453.4429	7455.1752	TRA
				2539	4453.1265	7454.7880	TRA
				2540	4452.8101	7454.4008	TRA
				2541	4452.4938	7454.0136	TRA
				2542	4452.1774	7453.6264	TRA
				2543	4451.8610	7453.2393	TRA
				2544	4451.5447	7452.8521	TRA
				2545	4451.2283	7452.4649	TRA
				2546	4450.9119	7452.0777	TRA
				2547	4450.5956	7451.6905	TRA
				2548	4450.2792	7451.3033	TRA
				2549	4449.9628	7450.9161	TRA
				2550	4449.6465	7450.5290	TRA
				2551	4449.3301	7450.1418	TRA
				2552	4449.0137	7449.7546	TRA
				2553	4448.6974	7449.3674	TRA
				2554	4448.3810	7448.9802	TRA
				2555	4448.0647	7448.5930	TRA
				2556	4447.7483	7448.2058	TRA
			setpk	2557	3273.9880	6304.4412	INT
			bksght	2558	3563.8909	6227.2641	TRA
			fndhub	2559	3292.8326	6245.4165	SS
			pk0	2560	3958.0306	5999.9790	SS
			nloak	2561	3194.9639	6271.3314	SS
			ipchk	2562	3792.3439	5994.8739	SS
			bndpt	2563	3681.4036	6068.6768	SS
			bndpt	2564	3516.6031	6236.1619	TRA
			bndpt	2565	3394.6850	6288.3871	SS
			ipchk	2566	3390.7924	6288.4060	SS
			bndpt	2567	3241.9093	6290.8477	SS
			spkip	2568	3124.4871	6388.0664	SS
			spkip	2569	3495.2224	6313.2565	SS
			setrrspk	2570	4142.7109	7209.5455	SS
			bndpt	2571	4251.6306	6854.5397	SS
			bndpt	2572	4299.4312	6869.2070	SS
			bndpt	2573	4190.5160	7224.2164	SS

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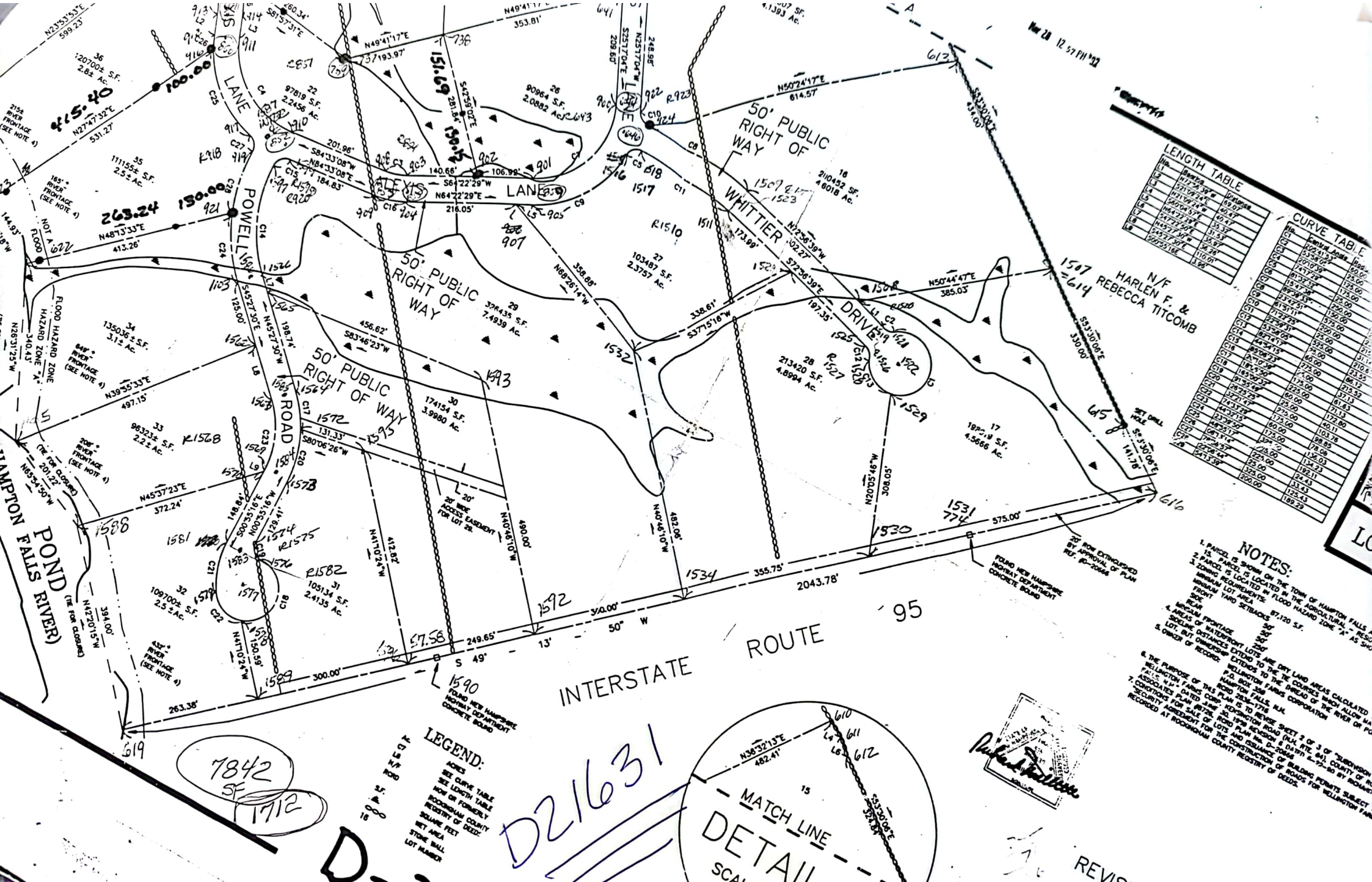
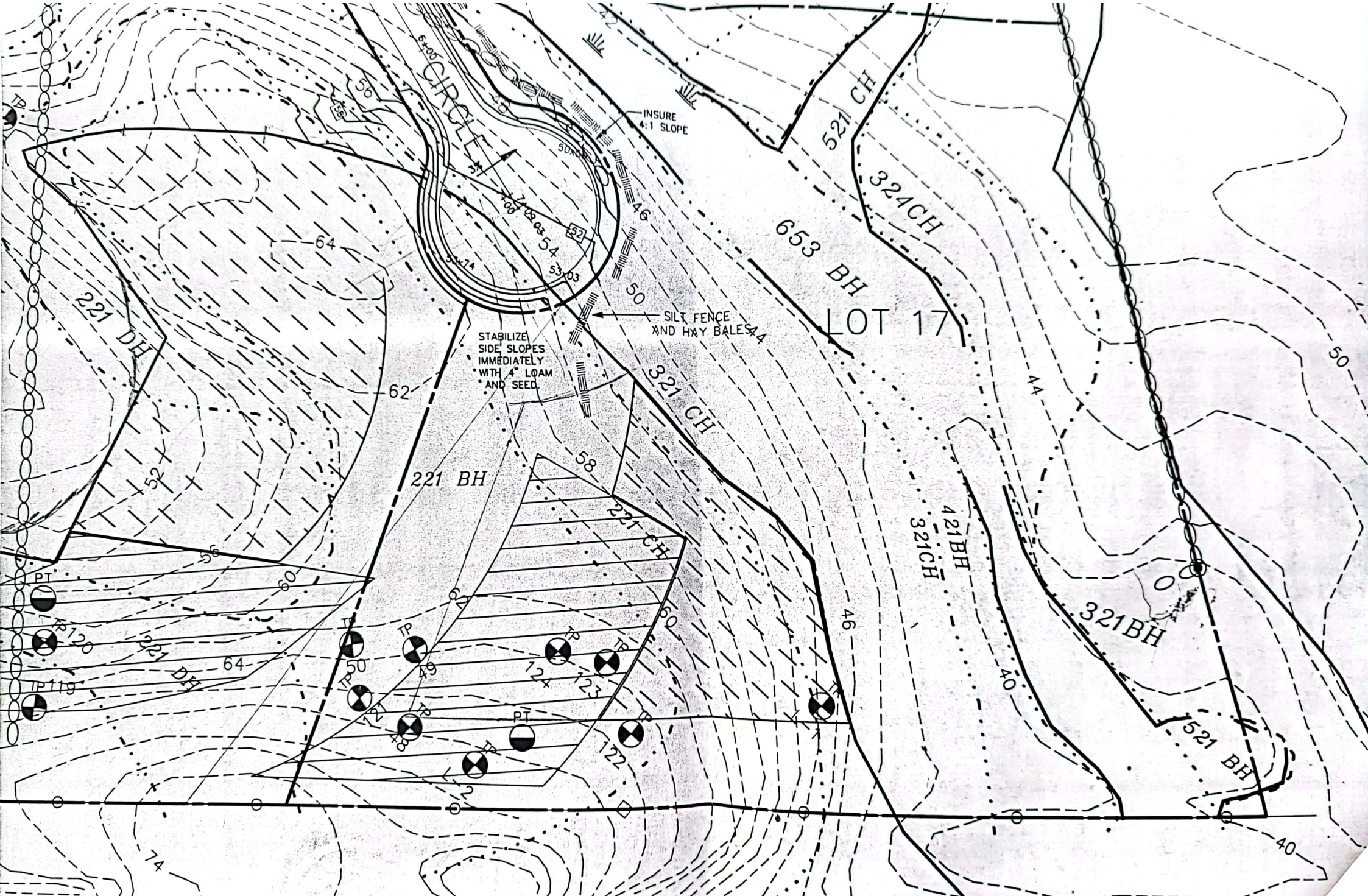
Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-03-2023			10:24:09			D:\BENCH FILES\BM2	
			setip	2574	4451.5004	7452.9209	TRA
				2575	4451.5447	7452.8521	TRA
				2576	5605.8361	8187.4635	TRA
				2577	4708.0739	7102.0620	TRA
		59.78	setpk	2580	4024.3494	7390.7385	TRA
		64.81	dbloak**	2581	3957.9974	7475.5719	SS
		65.35	topwl1.5	2582	3966.8763	7485.4202	SS
		60.16	corgar	2583	3999.7194	7452.2615	SS
		60.65	corgar	2584	4023.5963	7447.5335	SS
		60.68	corhse	2585	4042.0299	7445.8940	SS
		61.40	stoop**	2586	4060.1606	7446.5112	SS
		59.99	corhse	2587	4078.3150	7447.6367	SS
		59.04	intank	2588	4070.4572	7435.2104	SS
		58.74	outtank	2589	4071.8807	7425.1665	SS
		58.68	indbox	2590	4073.1332	7418.1753	SS
		58.54	outdbox	2591	4073.4080	7415.9332	SS
		55.73	15oak**	2592	4104.2769	7433.8225	SS
		54.17	15pine	2593	4118.1520	7406.3328	SS
		53.18	pole	2594	4128.3980	7344.6727	SS
		47.03	topip.5	2595	4210.7706	7158.1854	SS
		53.41	ep***	2596	4102.7201	7323.1040	SS
		54.34	epdr	2597	4087.2790	7321.0862	SS
		58.08	epdr	2598	4051.9050	7354.3182	SS
		58.77	stump	2599	4039.3831	7341.9000	SS
		59.08	oak	2600	4047.3286	7376.7539	SS
		55.60	bmsetpk	2601	4076.2477	7329.0314	SS
		60.09	bmcorstp	2602	4063.3933	7441.7391	SS
		59.43	gnd	2603	4081.7029	7396.9606	SS
		59.31	gnd	2604	4087.1413	7418.5367	SS
		58.94	gnd	2605	4099.0646	7385.4811	SS
		59.18	gnd	2606	4071.0811	7375.4467	SS
		59.80	gnd	2607	4057.9848	7410.3792	SS
		59.45	gnd	2608	4068.0133	7392.2484	SS
		59.20	ts	2609	4086.2495	7438.9987	SS
		51.02	bsog	2610	4118.6521	7476.8151	SS

Point#, Start#-End# or G#= 4-


POWELL LANE
ALEXIS LANE
50' PUBLIC RIGHT OF WAY
WHITTIER DRIVE
50' PUBLIC RIGHT OF WAY
50' PUBLIC RIGHT OF WAY
ROAD
POND (HAMPTON FALLS RIVER)
INTERSTATE ROUTE 95
N/F HARLEN F. & REBECCA TITCOMB
LENGTH TABLE
CURVE TABLE
LEGEND:
NOTES:
MATCH LINE
DETAIL
D21631
7842 SF
1712


CIRCLE
INSURE 4:1 SLOPE
SILT FENCE AND HAY BALES
STABILIZE SIDE SLOPES IMMEDIATELY WITH 4" LOAM AND SEED
LOT 17
653 BH
521 CH
324CH
321 CH
221 DH
221 BH
421BH
321CH
321BH
521 BH
IP
PT
TP
42
44
46
48
50
52
54
56
58
60
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129

ROCKINGHAM COUNTY CONSERVATION DISTRICT

110 North Road
Brentwood, NH 03833-6614
TEL 603-679-2790 FAX 603-679-2860

April 21, 2003

Elliott Berkowitz, Chairman
Hampton Falls Board of Adjustment
1 Drinkwater Road
Hampton Falls NH 03844

Dear Mr. Berkowitz;

Enclosed is a report prepared by Michael Cuomo, CSS, for a review of a wastewater disposal system plan for James & Luanne Stevens, 8 Whittier Drive, Tax Map 2 Lot 4-17, for an addition of a one bedroom apartment. The new wastewater disposal plan does not meet local requirements of Building Code 7.13. The current plan proposes to replace a portion of the 20,000 square foot reserve area with soils on the east side of the house. The area shown is not suitable for septic systems as it encroaches on the 100 foot poorly drained soil buffer and foundation drain 25 foot setback and there are insufficient test pits to prove the 20,000 square foot area has suitable soils. Please inform us if the Board wishes this plan to be approved and sent to the state for further review. If you have further questions about this report, please contact our office.

Sincerely,

Cynthia W. Smith
Chairman

Enclosures

cc: Rod Vigneau, Building Inspector
Anne Bialobrzeski, Designer
James & Luanne Stevens, Owner

Town of Hampton Falls
Wastewater Disposal System Plan Review
18 April 2003

8 Whittier Drive
James & Luann Stevens
Tax map 2, lot 4-17
Wellington Farms, subdivision lot 17

I have reviewed the wastewater disposal system plan prepared for this lot by Anne Bialobrzeski of Stockton Services dated 11 April 2003. The applicant proposes an addition with a one bedroom apartment, which requires increased wastewater disposal capacity.

Unfortunately, the new wastewater disposal plan does not meet local requirements of Building Code 7.13, which requires 20,000 square feet of suitable soil reserved for septic systems and effluent disposal.

I approved the original wastewater disposal system in December of 1995 with a 20,000 square foot area that does not meet my current interpretation of the ordinance. The 1995 plan allowed the 20,000 square foot area to encroach on the 100 foot wetland setback and does not meet the setback from the building with foundation drains. The 1995 plan had only one suitable test pit in the 20,000 square foot area.

The current plan proposes to replace the portion of the 20,000 square foot area lost by the construction of the addition with soils on the east side of the house. I believe this does not meet current local requirements;

1) The 20,000 square foot soil area shown is not suitable for septic systems in it's entirety, because it encroaches on the 100 foot poorly drained soil buffer and the foundation drain 25 foot setback; and
2) There are insufficient test pits to prove the 20,000 square foot area has suitable soils.

This plan requires action by the Board of Adjustment.

Michael Cuomo
NH Soil Scientist #006

TOWN OF HAMPTON FALLS
TOWN OFFICES, 1 DRINKWATER ROAD 603-926-4618
NEW HAMPSHIRE

HAMPTON FALLS ZONING BOARD OF ADJUSTMENT
AGENDA
Thursday, May 22, 2003

A. Call to Order - 7:00 PM

B. Roll Call

C. Review Of The Minutes Of The Previous Meeting

D. Public Hearings

1. **Case #03-01:** Application from **Charlotte C. Rosati** for variance from Section 7.1312 and 7.1313 of the Building Code as well as Special Exception as allowed by Article 8, Section 8.7 to allow the placement of a septic system and home within the wetland buffer for property located on Sanborn Road (Map 4, Lot 29-1).

Case #03-01 is continued to the June 26 ZBA meeting.

2. **Case #03-04:** Application from **James and Luann Stevens** for equitable waiver of dimensional requirements to the terms of Section 7, Subsection 7.131 of the Building Code to permit the expansion of a septic system for the addition of an accessory dwelling unit at property located at 8 Whittier Drive (Map 2, Lot 4-17).

E. Other Business:

F. Comments or Questions from the Floor

G. Adjournment

NEXT MEETING SCHEDULED June 26, 2003

copy: ZBA Members & Public, File, Bldg. Insp., CEO, Conservation Commission, Bulletin Boards 5/14/03

GAVE UP ??

NHDES

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WD - Subsurface Systems Bureau
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3501 FAX 603-271-6683
TDD Access: Relay NH 1-800-735-2964

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM APPROVAL

FOR OFFICE USE ONLY — **FEE $90.00**
Fee Paid_____ Date Received_____ Failed System/Replacement____ Expedite ____
Check No._____ Waiver Request _____ Holding Tank_____

PLEASE PRINT OR WRITE LEGIBLY. COMPLETE ENTIRE FORM

1. System Location: CITY/TOWN: HAMPTON FALLS CITY/TOWN APPROVAL OBTAINED:____ IF YES/DATE _____
STREET/LOCATION 8 WHITTIER DRIVE LOT NO: 17 TAX MAP NO: MAP2 LOT 4-17
SUBDIVISION NAME: WELLINGTON FARMS REGISTRY BOOK NO. 3807 PAGE NO: 0072
STATE APPROVAL NO. 38490 COUNTY: ROCKINGHAM PROBATE NO. _____ (If Applicable)
2. Water Supply: MUNICIPAL WATER SUPPLY _____ COMMUNITY _____ WELL ON LOT V OTHER _____
3. Lot OWNER'S Name: JAMES & WANN STEVENS STREET: 8 WHITTIER DRIVE
CITY/TOWN: HAMPTON FALLS STATE: NH ZIP: 03844 TEL.NO: _____
4. APPLICANT'S Name: STOCKTON SERVICES STREET: PO BOX 1306
CITY/TOWN: HAMPTON STATE: NH ZIP: 03843-1306 TEL.NO: 474-1954
Designer's Name: ANNE W. BIALOBRZESKI Permit No: 348 P.E.: _____ (P.E. required if more than 2,500 GPD)
5. Amended Plan ____ Revised Plan ____ Previous Construction Approval No. CA1996000002

THE STATEMENT BELOW MUST BE SIGNED AND DATED BY THE APPLICANT AND OWNER[S]

Owner(s):
THE UNDERSIGNED CERTIFY THAT THEY ARE THE PRESENT OWNERS OF THE PROPERTY BEING APPLIED FOR AND THAT THEY HAVE SEEN THE PLANS AND THEY ARE IN ACCORDANCE WITH THEIR NEEDS AND DESIRES. THE UNDERSIGNED FULLY UNDERSTANDS THAT SHOULD THIS PLAN BE APPROVED, NO WAIVERS TO THE CONSTRUCTION APPROVAL WILL BE ALLOWED. ANY CHANGES WILL REQUIRE A NEW SUBMISSION (WITH FEE), REVIEW AND APPROVAL.

Date: 3/31/03 Signed: James & Wann Stevens
Owner(s)

Applicant:
To the best of my knowledge, the data and information which I have submitted to obtain approval for construction from the New Hampshire Department of Environmental Services is true and correct. I understand that an approval based upon incorrect data may be subject to revocation. I also understand that NO CONSTRUCTION OF ANY STRUCTURE SERVICED BY THE PROPOSED SYSTEM, NOR THE SYSTEM ITSELF, MAY COMMENCE WITHOUT PRIOR WRITTEN DEPARTMENT APPROVAL. I HAVE COMPLIED WITH ALL LOCAL REGULATIONS OR ORDINANCES RELATIVE TO CONSTRUCTION OR SEWAGE DISPOSAL SYSTEMS AND HAVE OBTAINED ALL OTHER APPRC
DISPOSAL SYSTEM. The applicant herewith c.

Date 3/26/03 Signed: _

Introduction
The New Hampshire Shoreland Protection Act (R
"demonstrate to the satisfaction of the Departmen
certification contained herein is an acceptable vel
The protected shoreland is defined to be all land
(a) For natural fresh water bodies without artifici
(b) For artificially impounded fresh water bodies
the waterline at full pond as determined by the ele
(c) For coastal waters, the highest observable tide
recognized by indicators such as the presence of s
flow of the tide.
(d) For rivers, the ordinary high water mark.
In the case of rivers, the law applies to all fourtl
protection under RSA 483 prior to January 1, 199
Department of Environmental Services.

Rev. 7/1/01

STOCKTON SERVICES
P.O. BOX 1306
HAMPTON, NH 03843-1306
1713
Date Mar 26 03
54-136/114 04
Pay to the Order of NHDES-SUBSURFACE $ 90.00
NINETY AND NO/100 Dollars
COMMUNITY BANK & TRUST COMPANY
HAMPTON, NH 03842
For JAMES STEVENS INDIVIDUAL HAMPTON FALLS Anne W Bialobrzeski
⑆011401960⑆ 000130068 7⑈ 1713
GUARDIAN® SAFETY BLUE DESIGN

Continued on Reverse Side

STOCKTON SERVICES
P.O. BOX 1306
HAMPTON, NH 03843-1306
1721
Date Mar 31, 03
54-136/114 04
Pay to the Order of BCCD $ 35.00
Thirty-five and no/100 Dollars
COMMUNITY BANK & TRUST COMPANY
HAMPTON, NH 03842
For Stevens Hampton Falls Review-WQ Anne W Bialobrzeski
⑆011401960⑆ 000130068 7⑈ 1721
GUARDIAN® SAFETY BLUE DESIGN

OWNER:
95 TOWN INSPECTOR COPY
NEW HAMPS
Designer of Subsurface Di Systems
Ann W. Bialobrzeski No. 348
Water Supply & Pollution Comm
HAMPTON, NH 03843-1306
DATE: 3/26/03
APPROVAL: _____
RS SHALL
DORS OCCUR,

5/5/03

See section 8

1) Variance Building Code
20K & 5K to allow reduction of 20K & 5K

to what we have

7.13

per John Colhander
433-9997

call Bldg Inspector —
he said chairman said
acting town counsel
Bart Meyer?
said equitable waiver is OK

left message for John - should I lay off?

Command= 4-

SEE MY
JOB & PLANS
FILE
JOB 125

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 17 WHITTIER DRIVE
HAMPTON FALLS, NH

OWNER: WELLINGTON FARMS CORP
PO BOX 359
HAMPTON FALLS, NH 03844

Designer of Subsurface Disposal Systems
* * *
Alan W. Wiatrowski
No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

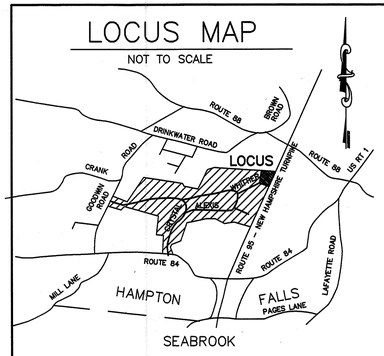
DATE: 12/5/95

APPROVAL: CA199600002

125 LOT 17

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 40B CHATFIELD–HOLLIS–CANTON
538 SQUAMSCOTT

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

#1 SET PK ELEV 59.78

#2 SET PK ELEV 55.60

#3 COR BOTTOM STEP ELEV 60.09

DESIGN INTENT: FOR PROPOSED 15'X35' LEACHING AREA

THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT ELEVATION 57.7, WHICH IS APPROXIMATELY 22" ABOVE ORIGINAL GROUND AT THE HIGH CONTOUR OF THE DESIGNED (NEW) EDS (ELEVATION 55.9). (PREDEVELOPMENT OG) INTENT IS TO MATCH BED BOTTOM OF EXIS SYSTEM.

SUITABLE REPLACEMENT AREA:

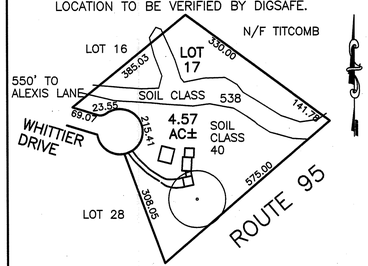
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

EXISTING CONTOUR
PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

NOTES:

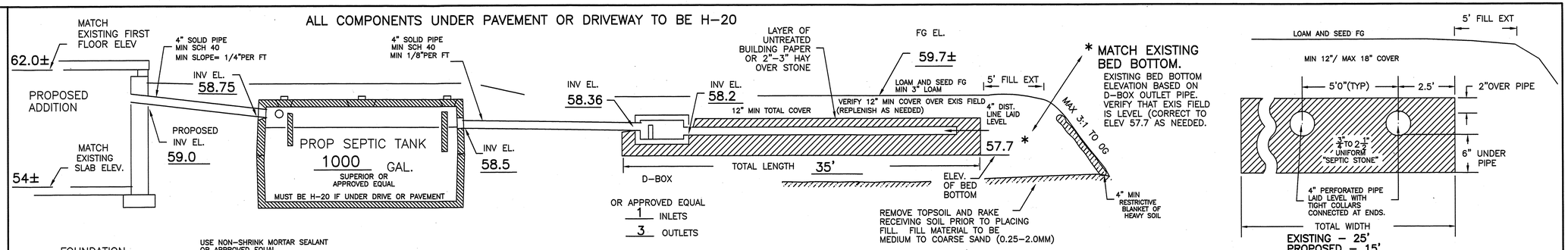
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN D21631
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 38490 PREVIOUS APPROVAL #CA1996000002
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. LEACH FIELD SETBACKS:
   - FROM WELL 100'+
   - FROM HYDRIC B 100'+
   - FROM HYDRIC A 100'+
5. INSTALLER IS RESPONSIBLE FOR KNOWLEDGE OF AND COMPLIANCE WITH APPLICABLE TOWN ZONING AND BUILDING CODE REQUIREMENTS.
6. EXISTING SYSTEM COMPONENTS TO BE INSPECTED FOR PROPER CONDITION AND FUNCTION AND REPAIRED AS NEEDED.
7. NOTE UNDERGROUND UTILITIES TO BE MOVED. LOCATION TO BE VERIFIED BY DIGSAFE.



PLOT PLAN

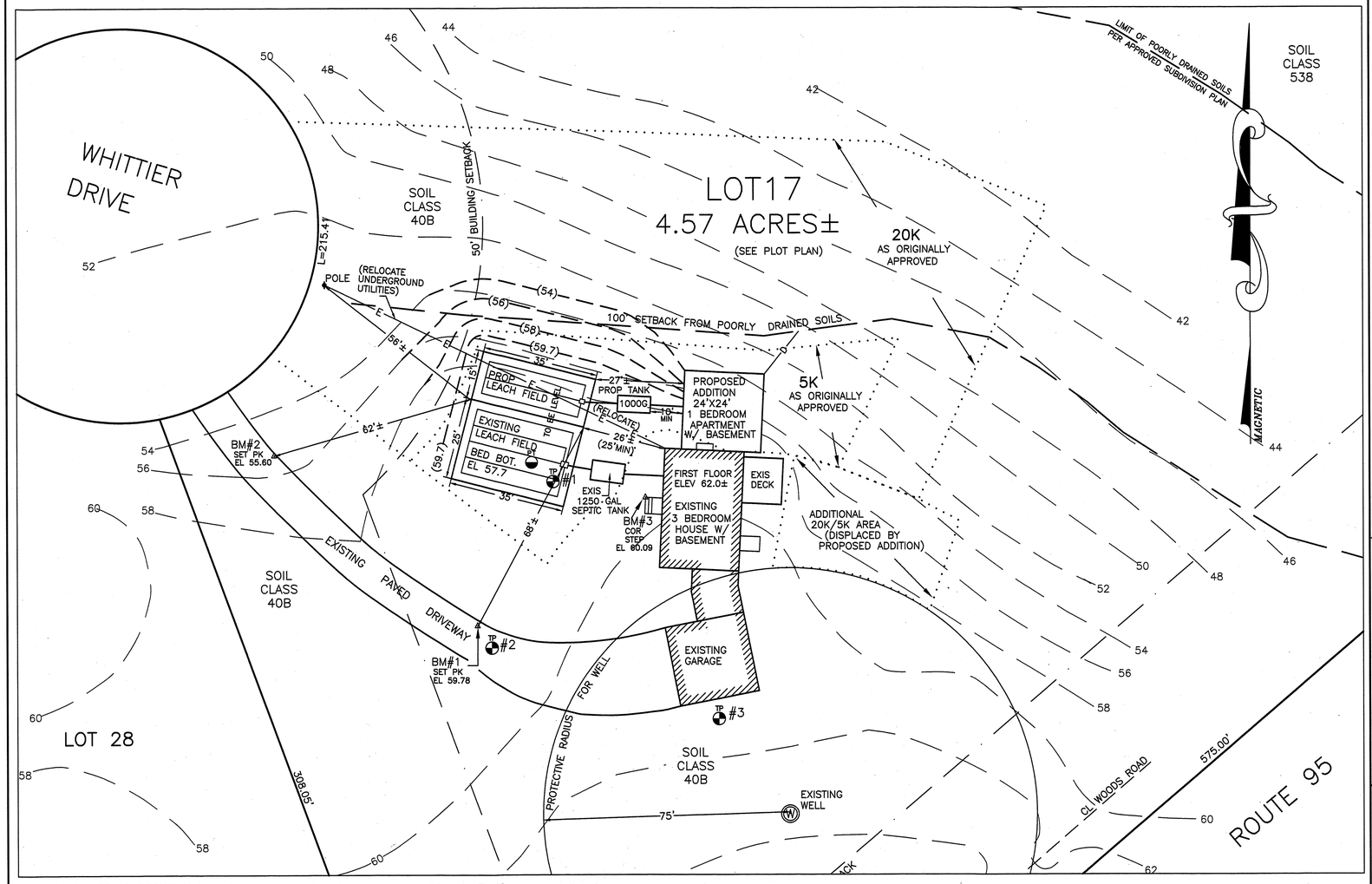
1"=APPROX 200'

ALL COMPONENTS UNDER PAVEMENT OR DRIVEWAY TO BE H–20


MATCH EXISTING FIRST FLOOR ELEV
62.0±
PROPOSED ADDITION
4" SOLID PIPE MIN SCH 40 MIN SLOPE= 1/4"PER FT
INV EL. 58.75
PROPOSED INV EL. 59.0
MATCH EXISTING SLAB ELEV.
54±
WITH FOUNDATION DRAINS
OUTFALL TO BE MIN 35' FROM SYSTEM
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
PROP SEPTIC TANK
1000 GAL.
SUPERIOR OR APPROVED EQUAL
MUST BE H–20 IF UNDER DRIVE OR PAVEMENT
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
INV EL. 58.5
INV EL. 58.36
INV EL. 58.2
12" MIN TOTAL COVER
LAYER OF UNTREATED BUILDING PAPER OR 2"–3" HAY OVER STONE
FG EL. 59.7±
LOAM AND SEED FG MIN 3" LOAM
5' FILL EXT
VERIFY 12" MIN COVER OVER EXIS FIELD (REPLENISH AS NEEDED)
4" DIST. LINE LAID LEVEL
57.7
TOTAL LENGTH 35'
D–BOX
OR APPROVED EQUAL
1 INLETS
3 OUTLETS
ELEV. OF BED BOTTOM
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM TO COARSE SAND (0.25–2.0MM)
* MATCH EXISTING BED BOTTOM.
EXISTING BED BOTTOM ELEVATION BASED ON D–BOX OUTLET PIPE. VERIFY THAT EXIS FIELD IS LEVEL (CORRECT TO ELEV 57.7 AS NEEDED.
MAX 3:1 TO OG
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL

CROSS SECTION NEW DISPOSAL SYSTEM AREA – NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 11/7/95

TOWN INSPECTOR: MIKE CUOMO

TEST PITS ARE REPRODUCED FROM ORIGINAL SEPTIC DESIGN BY STOCKTON SERVICES. REF APPROVAL #CA1996000002.

#1 EL 56.8

0–6" LOAM AND ROOT MAT
6–30" 10YR5/4 TO 5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
30–72" 2.5Y5/4 FINE SANDY LOAM, FIRM, MIXED WITH GRAVELLY LOAMY SAND SOMEWHAT FIRM, (MOTTLED)
ESHWT @ 30", ROOTS TO 30"+, NO OBS H20, NO REFUSAL

#2 EL 58.7

ESHWT < 24"

#3 EL 61.5

0–6" LOAM AND ROOT MAT
6–26" 10YR5/4 TO 5/6 FINE SANDY LOAM, GRANULAR FRIABLE
26–80" 2.5Y5/4 GRAVELLY LOAMY SAND, SOMEWHAT FIRM, MOTTLED
ESHWT @ 26", ROOTS TO 30"+, NO OBS H20, NO REFUSAL

PERC TEST DATA

DATE: 11/7/95
PERC RATE: 6 MIN/IN SEE APP #CA1996000002
DESIGN LOADING: EXIS 450 GPD + PROPOSED 225 GPD = (3 BEDROOM HOUSE = 1 BEDROOM APARTMENT) TOTAL 675 GPD DESIGN LOADING
AREA REQUIRED: 675 GPD/ 100 X 155 SF/100GAL = 1046 SF (NHDES) X 1.25 = 1307 SF REQUIRED (HAMPTON FALLS)
AREA PROPOSED: EXISTING SYSTEM (25X35) + PROPOSED(15X35)= TOTAL 40' X 35' = 1400 SF PROVIDED.

PLAN OF PROPOSED EXPANSION OF EXISTING SEPTIC SYSTEM

LOT 17, WELLINGTON FARMS SUBDIVISION
REF PREVIOUS APPROVAL #CA1996000002

LOCUS: 8 WHITTIER DRIVE
HAMPTON FALLS, NH

OWNER: JAMES & LUANN STEVENS
8 WHITTIER DRIVE
HAMPTON FALLS, NH 03844

NEW HAMPSHIRE Designer of Subsurface Disposal Systems * * * Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: 3/26/03 REVISED 4/11/03

APPROVAL: NOT SUBMITTED TO DES

WITHDRAWN ZBA